533 Rec'd PCT/PTO 21 AUG 2001

C 500	LI DEO	·/	THE POST PATENT AND TRADEMARY OFFICE	A NEY'S DOCKET NUMBER											
FORM PTO-139 (REV 11-2000)			OMMERCE PATENT AND TRADEMARK OFFICE	163-34											
TRANSMITTAL LETTER TO THE UNITED STATES  U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)															
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371  Oq 9/3329 Unassigned															
INT	ERNAT	TIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED											
		PCT/CA00/00147	11 February 2000	11 February 1999											
TITI	F OF	INVENTION		•											
			NEW METALLOPROTEASES OF THE NEPF	RILYSIN FAMILY											
APF	PLICA	NT(S) FOR DO/EO/US													
	DESGROSEILLERS et al														
App	licant	herewith submits to the Unit	ed States Designated/Elected Office (DO/EO/	US) the following items and other information:											
1.		This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.													
2.	$\boxtimes$	This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.													
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.													
4.		The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).													
5.	A co	copy of the International Application as filed (35 U.S.C. 371(c)(2)).													
ļ	à.	is attached hereto (required only if not communicated by the International Bureau).													
	b.	has been communicated by the International Bureau.													
	c.	is not required, as the application was filed in the United States Receiving Office (RO/US).													
6.		An English language transl	ation of the International Application as filed (3	35 U.S.C. 371(c)(2)).											
	a.	is attached hereto.													
	<b>`</b> b.	has been previously s	submitted under 35 U.S.C. 154(d)(4).												
7.		Amendments to the claims	of the International Application under PCT Art	icle 19 (35 U.S.C. 371(c)(3))											
	`a.	are attached hereto (r	equired only if not communicated by the Interi	national Bureau).											
	b.	have been communic	ated by the International Bureau.												
	C.	have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.													
	d.	have not been made and will not be made.													
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).													
9.	$\boxtimes$	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).													
10.		A English language translated Article 36 (35 U.S.C.	tion of the annexes of the International Prelimi 371(c)(5)).	inary Examination Report under PCT											
	Item		document(s) or information included:												
11.			Statement under 37 C.F.R. 1.97 and 1.98.												
12.	$\boxtimes$	An assignment document for	or recording. A separate cover sheet in comp	liance with 37 C.F.R. 3.28 and 3.31 is included.											
13.		A FIRST preliminary amendment.													
14.		A SECOND or SUBSEQUENT preliminary amendment.													
15.		A substitute specification.													
16.		A change of power of attorr	ney and/or address letter.												
17.		A computer-readable form	of the sequence listing in accordance with PC	T Rule 13ter.2 and 35 U.S.C. 1.821-1.825.											
18.		A second copy of the pu	blished international application under 35	U.S.C. 154(d)(4).											
19.		A second copy of the English	sh language translation of the international ap	plication under 35 U.S.C. 154(d)(4).											
20.		Other items or information.													

U.S. APPLICATION NO. (If kno Unassign		H. 1.5)	INTERNATIONAL APPLICATION NO. PCT/CA00/00147			ATTORNEY'S DOCKET NUMBER 163-34						
21.  The following fe		itted:	TO T			C/	ALCULATIONS P		PTO USE ONLY			
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):  Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO												
and International Search Report not prepared by the EPO or JPO\$1000.00  International preliminary examination fee (37 C.F.R. 1.482) not paid to												
USPTO but International Search Report prepared by the EPO or JPO\$860.00  International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO												
but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO												
but all claims did not satisfy provisions of PCT Article 33(1)-(4)												
ENTER APPROPRIATE BASIC FEE AMOUNT =								-				
Surcharge of \$130.00 fo months from the earliest			claration later than 20 C.F.R. 1.492(e)).	□ 30		\$	0.00					
CLAIMS	NUMBER FILED		NUMBER EXTRA	RATE								
Total Claims	20	-20 =	0		\$18.00	\$	0.00					
Independent Claims	3	-3 =	0		\$80.00		0.00					
MULTIPLE DEPENDEN	CLAIMS(S)	(if applicable	OTAL OF AB	\$270		\$	0.00 <b>0.00</b>	-				
☐ Applicant claims en	nall ontity sta	tue See 37	CFR 1.27. The fees indicate		ATIONS =	1	0.00	$\vdash$				
are reduced by 1/2		ius. Gee or	OTTT 1.27. THE IEES III UIC	ated above			0.00					
aro roud ood by 172				SU	BTOTAL =	\$	0.00					
Processing fee of \$130.00, for furnishing the English Translation later than 20 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).							0.00					
TOTAL NATIONAL FEE =												
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +												
Fee for Petition to Revive Unintentionally Abandoned Application (\$1240.00 - Small Entity = \$620.00)  TOTAL FEES ENCLOSED =												
TOTAL FEES ENCLOSED =							\$ 40.00 Amount to be:					
		refunded		\$								
	<del></del>					Charged		\$				
<ul> <li>a.  A check in the amount of \$40.00 to cover the above fees is enclosed.</li> <li>b. Please charge my Deposit Account No. 14-1140 in the amount of \$ to cover the above fees.  A duplicate copy of this form is enclosed.</li> <li>c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.</li> <li>d.  The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application.</li> </ul>												
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.												
SEND ALL CORRESPO	U	45		<del></del>								
NIXON & VANDERHYE 1100 North Glebe Road,		0										
Arlington, Virginia 22201												
Telephone: (703) 816-4000 Leonard C. Mitchard												
				NAME								
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